

The Aphia Taxon Match Tool, an online quality control tool for checking your biological data against the World and European Registers of Marine Species

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Aphia is the database engine behind several marine taxonomic databases, a.o. the European Register of Marine Species (ERMS, online at <http://www.marbef.org/data/erms.php>) and the World Register of Marine Species (WoRMS, online at <http://www.marinespecies.org>). Recently, a new Aphia tool has become available to the user on <http://www.marbef.org/data/aphia.php?p=match>

The Aphia Taxon Match Tool is a freely accessible online service that automatically matches species or higher taxon lists with ERMS and WoRMS. After matching, the tool returns the submitted file with the corresponding Aphia-IDs, the valid taxon names and information on the quality status of the names, authorities and/or the higher classification. Where available, the tool also provides the user with the corresponding ITIS tsn number. Thanks to the fuzzy matching option, the tool is able to take into account most of the commonly occurring spelling variations.

This poster aims to demonstrate the functionality of the Taxon Match Tool by applying the QC procedure to an exemplary dataset.